

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A multilayer system for transparent substrates, ~~particularly for glass glazing~~, comprising at least one functional layer and at least one layer of mixed oxides made of ZnO and TiO₂ and at least one additional oxide, produced by reactive sputtering from a metal target alloy, ~~characterized in that this wherein the~~ additional oxide is selected from the group consisting of Al₂O₃, Ga₂O₃ and/or Sb₂O₃ and mixtures thereof.

Claim 2 (Currently Amended): The multilayer system as claimed in claim 1, ~~characterized in that wherein~~ ZnO and TiO₂ are present in the layer of mixed oxides in a molar ratio of the order of 1:1 to 2:1.

Claim 3 (Currently Amended): The multilayer system as claimed in claim 2, ~~characterized in that wherein~~ ZnO and TiO₂ are present in the layer of mixed oxides essentially in molar ratios of 1:1 or 2:1.

Claim 4 (Currently Amended): The multilayer system as claimed in ~~any one of~~ claims 1 to 3, ~~characterized in that~~ Claim 1 wherein the proportion of oxides Al₂O₃, Ga₂O₃, and/or Sb₂O₃ in the layer of mixed oxides is from 0.5 to 8% by weight.

Claim 5 (Currently Amended): The multilayer system as claimed in ~~any one of the preceding claims 1 to 4, characterized in that~~ Claim 1 wherein the thickness of the layer of mixed oxides is from 2 to 20 nm.

Claim 6 (Currently Amended): The multilayer system as claimed in ~~any one of~~
~~claims 1 to 5, characterized in that~~ Claim 1 wherein the layer of mixed oxides is the lower
and/or upper antireflection layer of a low-emission [low-E] multilayer system exhibiting one
or more functional layers made of silver.

Claim 7 (Currently Amended): The multilayer system as claimed in ~~any one of~~
~~claims 1 to 5, characterized in that~~ Claim 1 wherein the layer of mixed oxides is a partial
layer of the upper and/or lower antireflection layer of a low-E multilayer system exhibiting
one or more functional layers made of silver.

Claim 8 (Currently Amended): The multilayer system as claimed in ~~any one of~~
~~claims 1 to 7, characterized by a layers~~ Claim 1 comprising a structure as follows: Substrate -
SnO₂ - ZnO - Ag - CrNi - SnO₂ - Zn₂TiO₄:Al.

Claim 9 (Currently Amended): The multilayer system as claimed in ~~any one of~~
~~claims 1 to 7, characterized in that~~ Claim 1 wherein the layer of mixed oxides is produced
from a metal target alloy containing from 90 to 40% by weight of Zn, from 10 to 60% by
weight of Ti and from 0.5 to 8% by weight of one or more of the metals Al, Ga and Sb.

Claim 10 (Currently Amended): The multilayer system as claimed in claim 9,
~~characterized in that~~ wherein the target alloy for the production of the layer of mixed oxides
contains 71% by weight of Zn, 27% by weight of Ti and 2% by weight of Al.

Claim 11 (Currently Amended): The multilayer system as claimed in claim 9, characterized in that wherein the target alloy for producing the layer of mixed oxides contains 56% by weight of Zn, 42% by weight of Ti and 2% by weight of Al.

Claim 12 (Currently Amended): A transparent substrate, ~~particularly glazing~~, coated with a multilayer system as claimed in ~~any one of the preceding claims~~ Claim 1.

Claim 13 (New): The multilayer system for transparent substrates as claimed in Claim 1 wherein the transparent substrate is glass glazing.

Claim 14 (New): A glazing coated with a multilayer system as claimed in Claim 1.